

00899588 070504

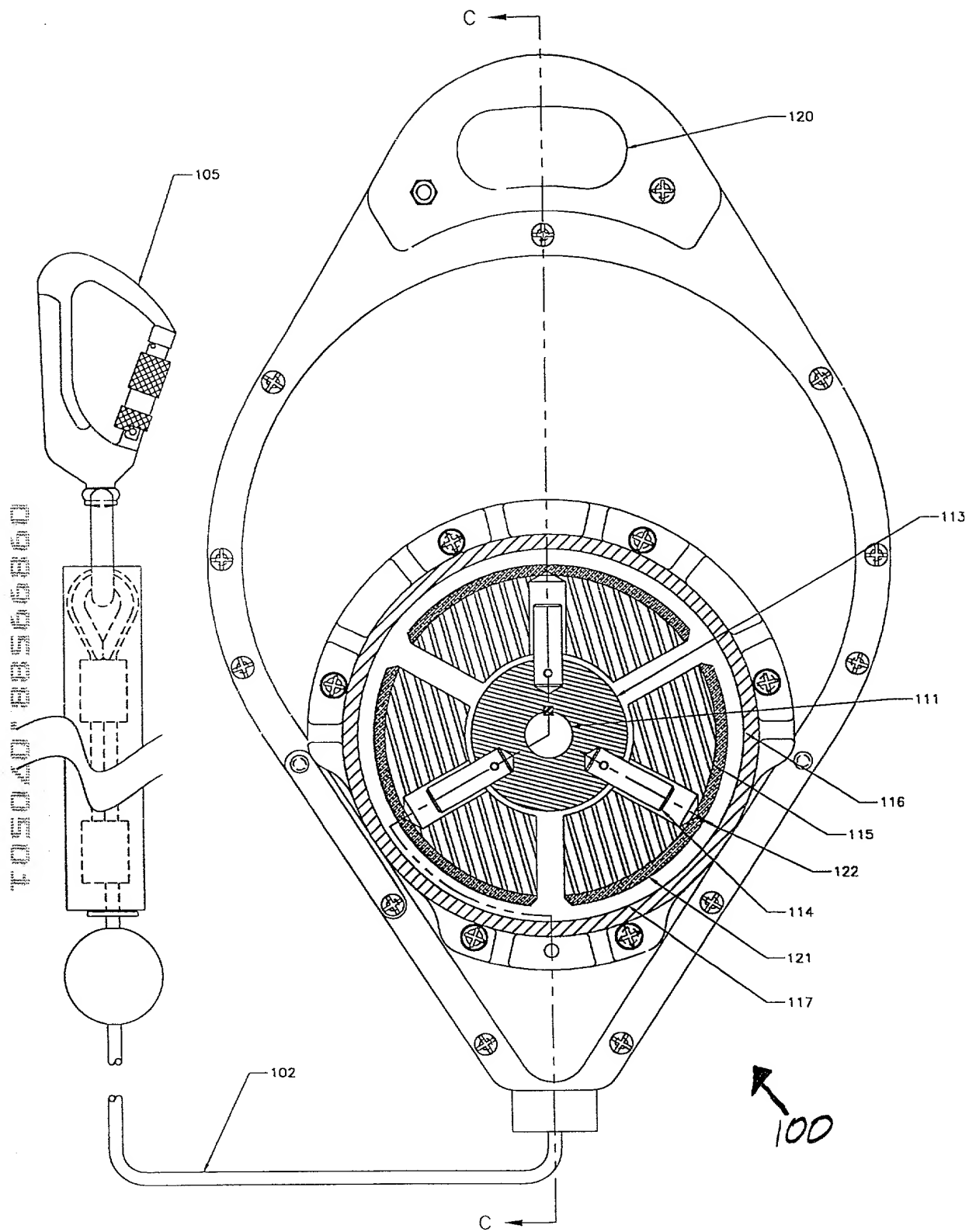


FIG. 1  
PRIOR ART

This diagram is a cross-sectional view of a mechanical assembly, likely a pump or valve. The main body (101) is shown in cross-section, revealing internal components. A central shaft (102) passes through the assembly. A piston (103) is located within the main body. A fluid inlet (104) is at the bottom, and a fluid outlet (105) is at the top. A control mechanism (106) is on the left, and a valve (107) is on the right. A dashed line A-A indicates a cross-section.

Key components and labels include:

- 101: Main body
- 102: Central shaft
- 103: Piston
- 104: Fluid inlet
- 105: Fluid outlet
- 106: Control mechanism
- 107: Valve
- 108: Bolt/nut
- 109: Seal/O-ring
- 110: Gasket
- 111: Spring
- 112: Piston rod
- 113: Piston head
- 114: Piston pin
- 115: Piston skirt
- 116: Piston ring
- 118: Piston pin

102 ——— | ——— 104

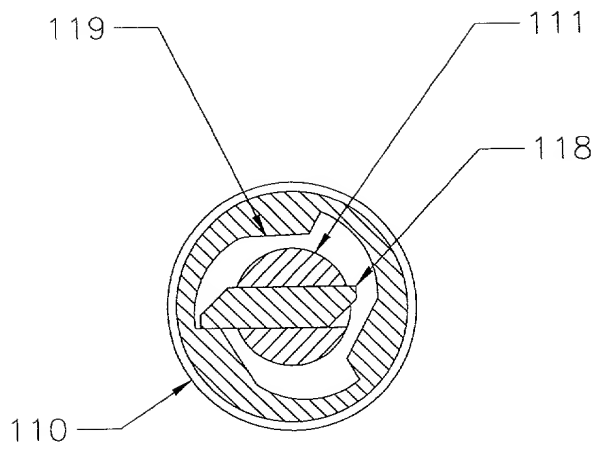


FIG. 3  
PRIOR ART

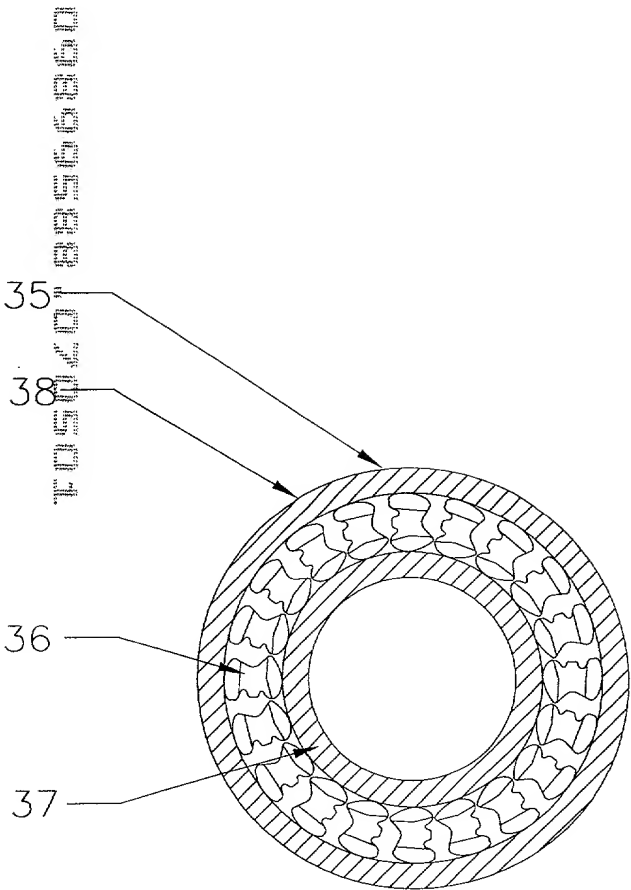


FIG. 6

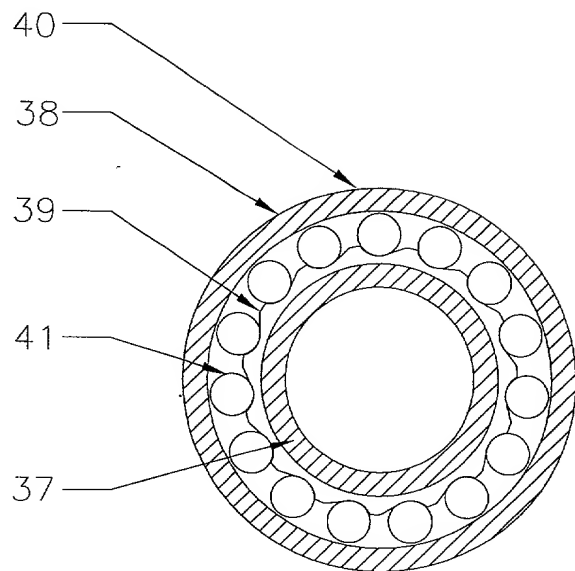


FIG. 7

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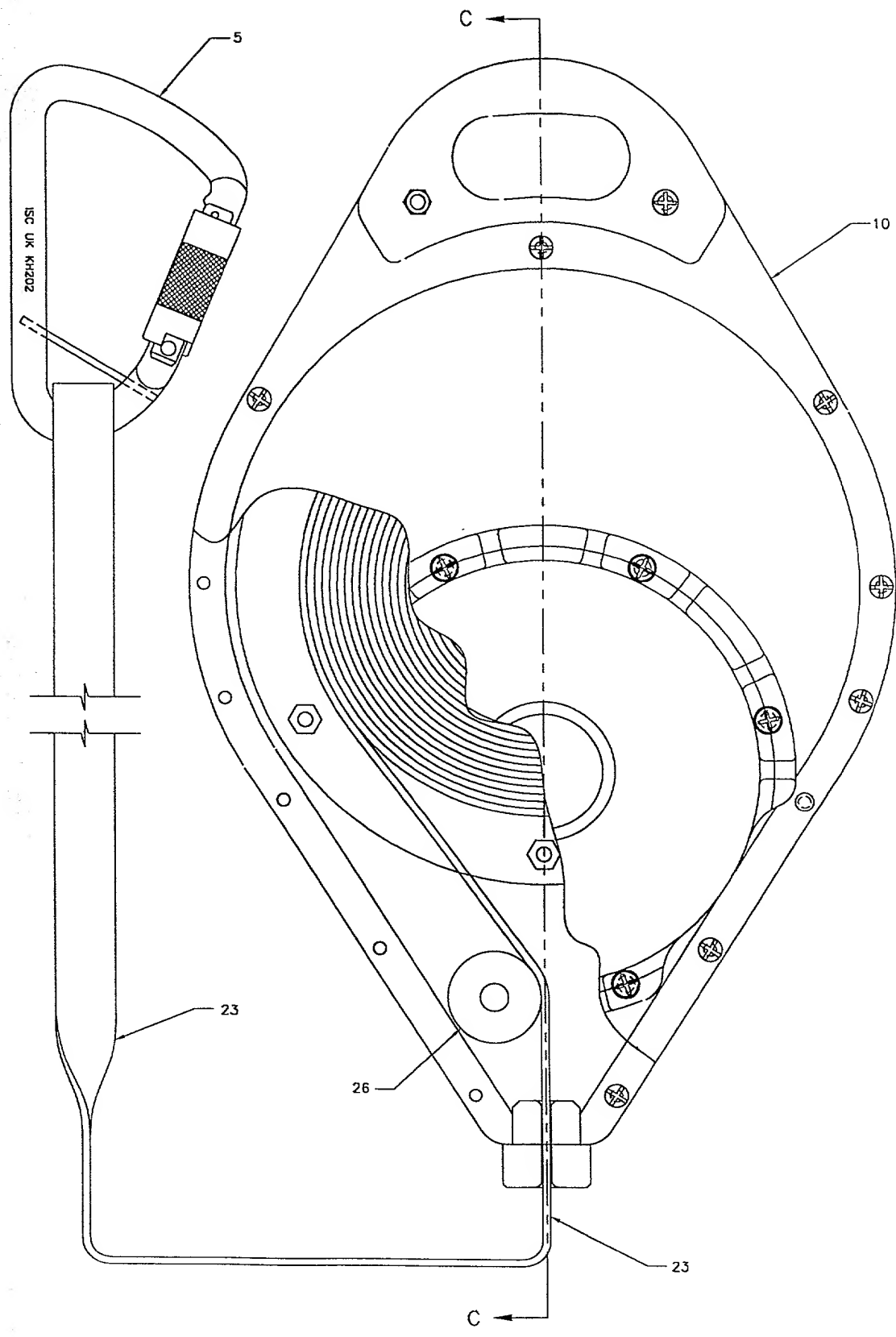


FIG. 4

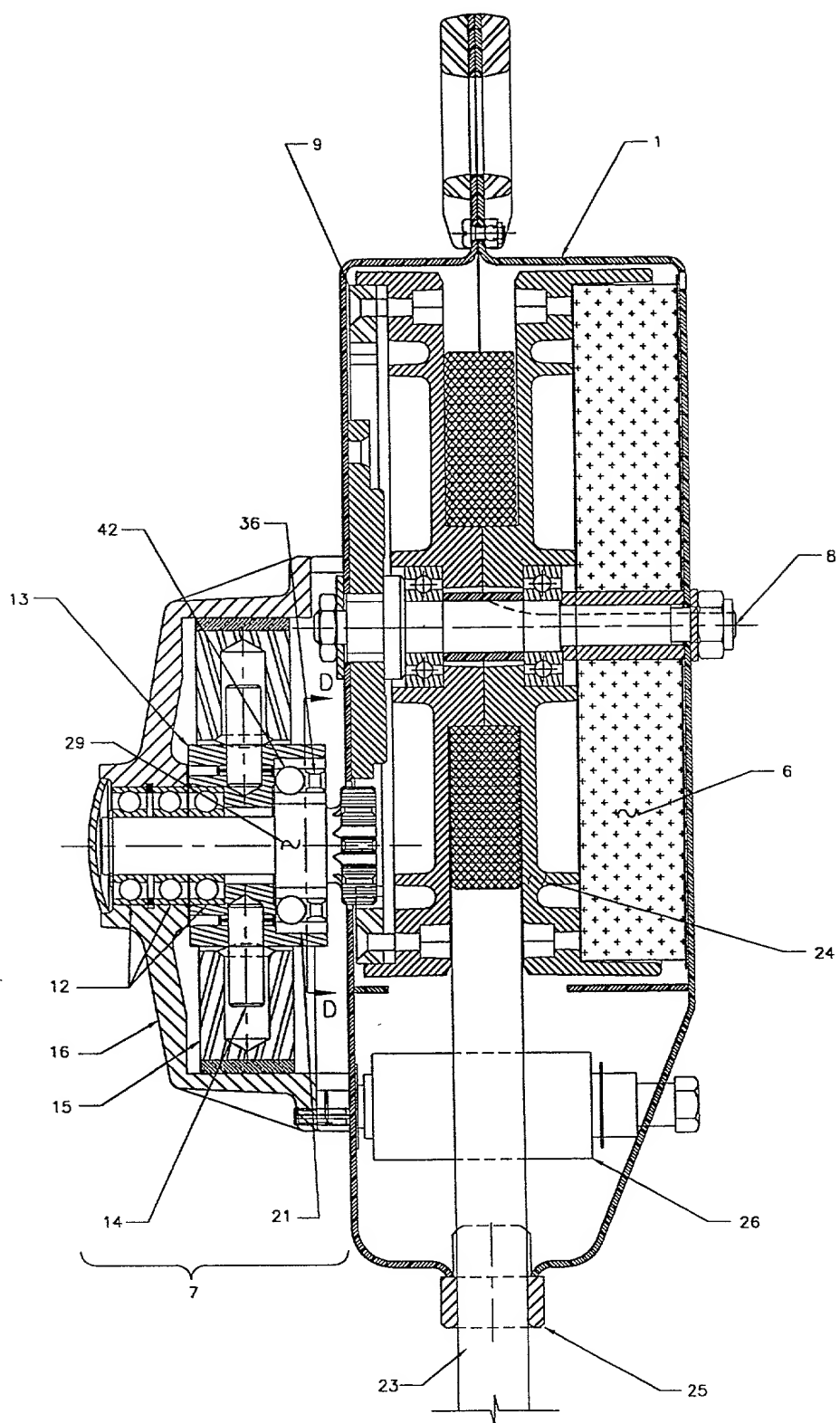


FIG. 5

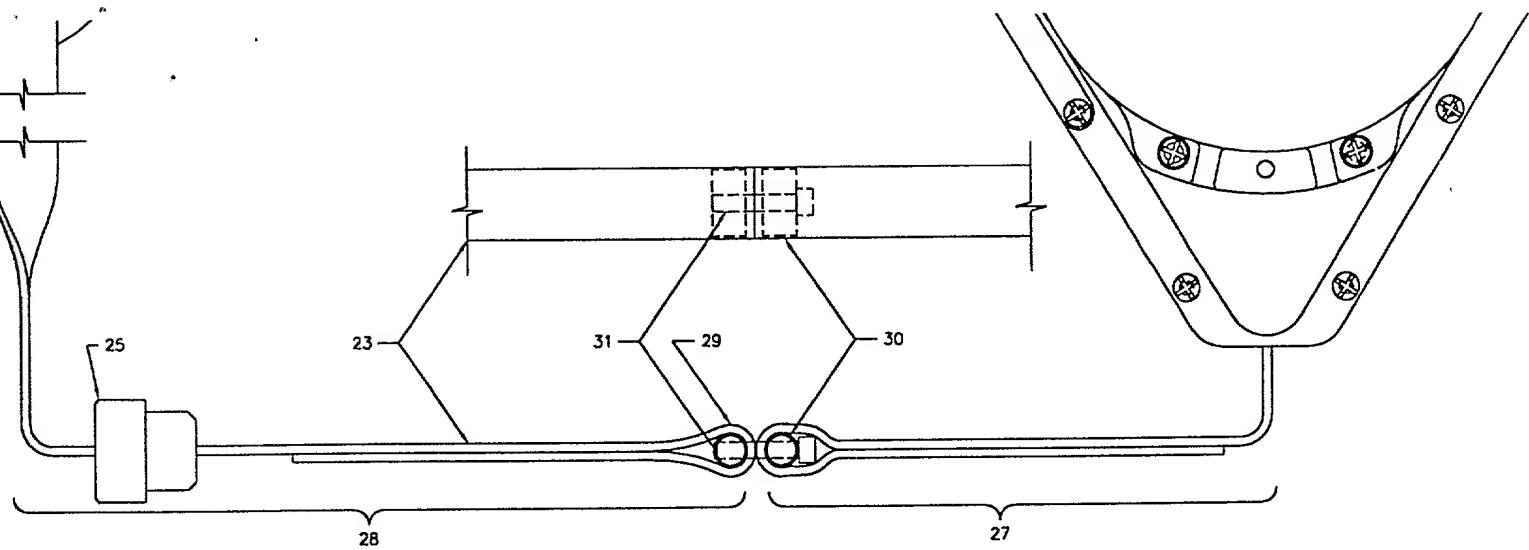


FIG. 8

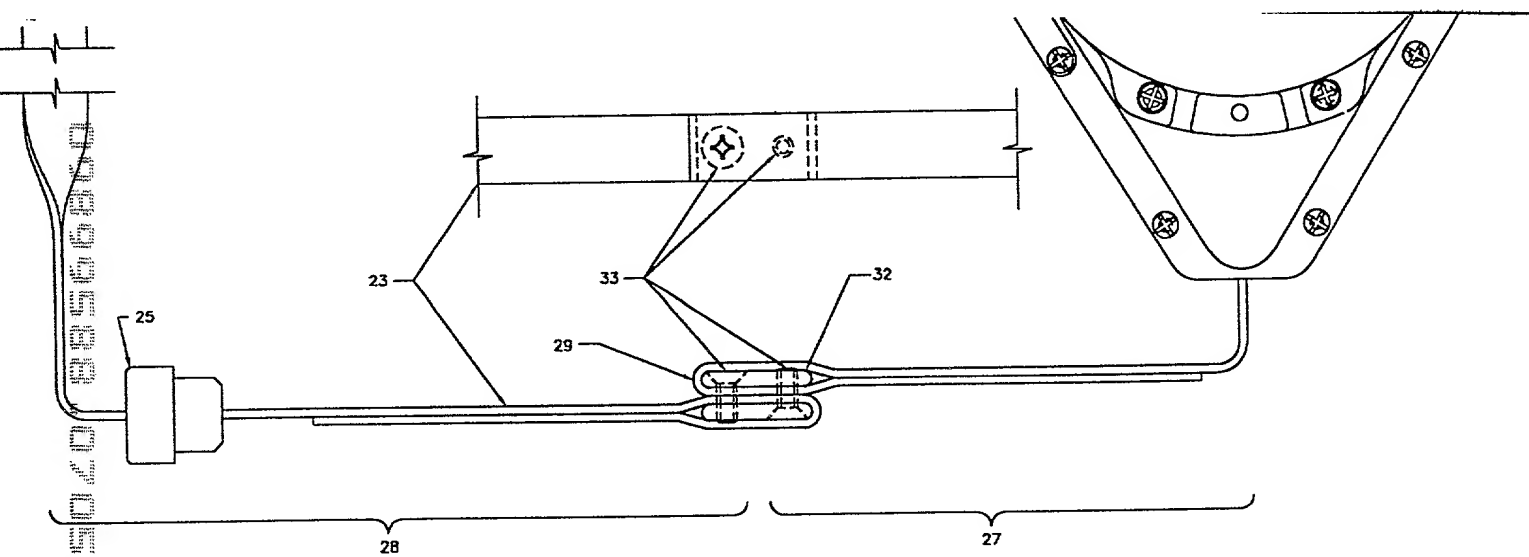


FIG. 9

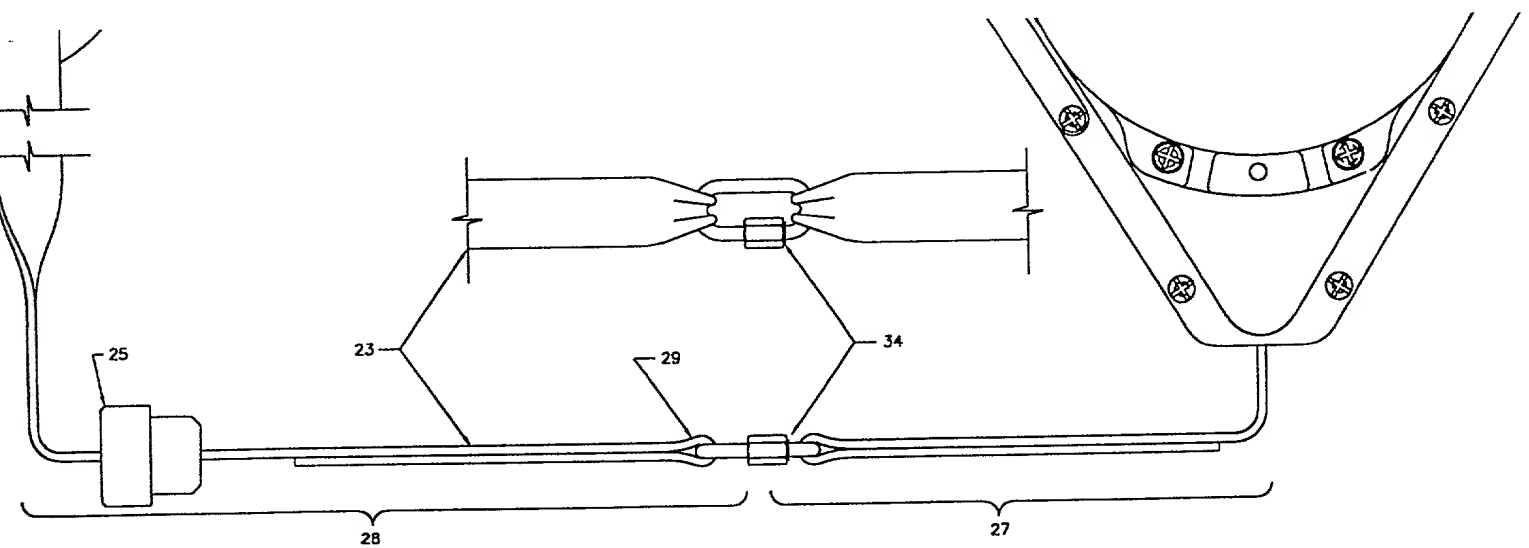


FIG. 10